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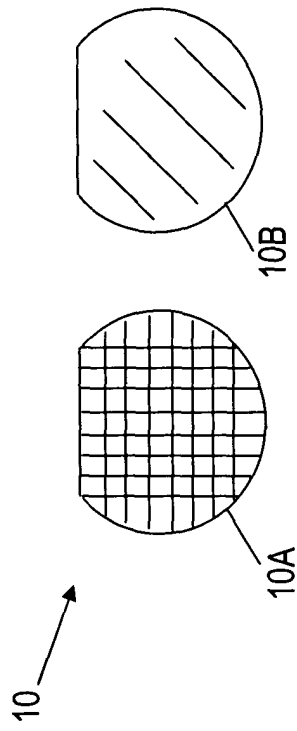


FIGURE 1A

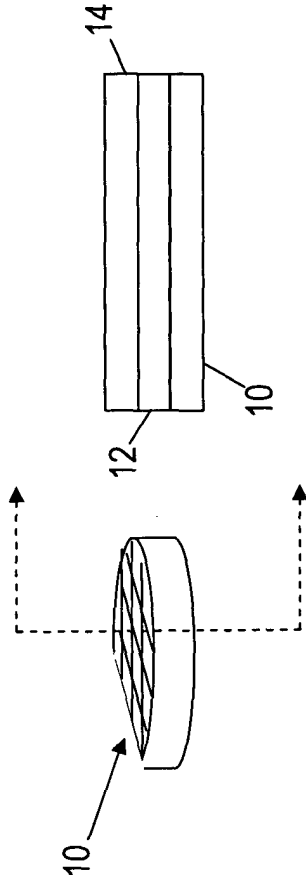


FIGURE 1B

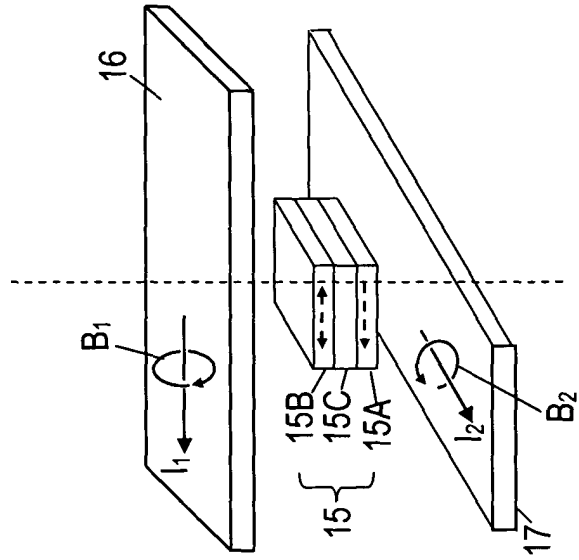


FIGURE 2A

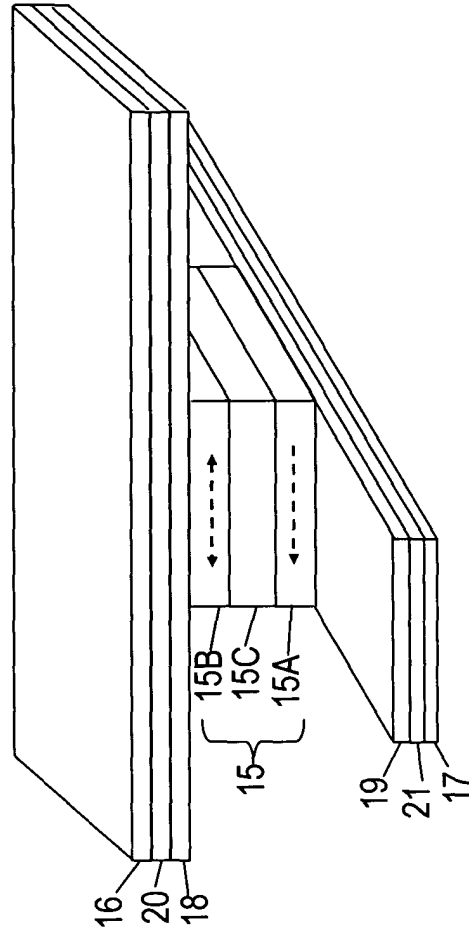
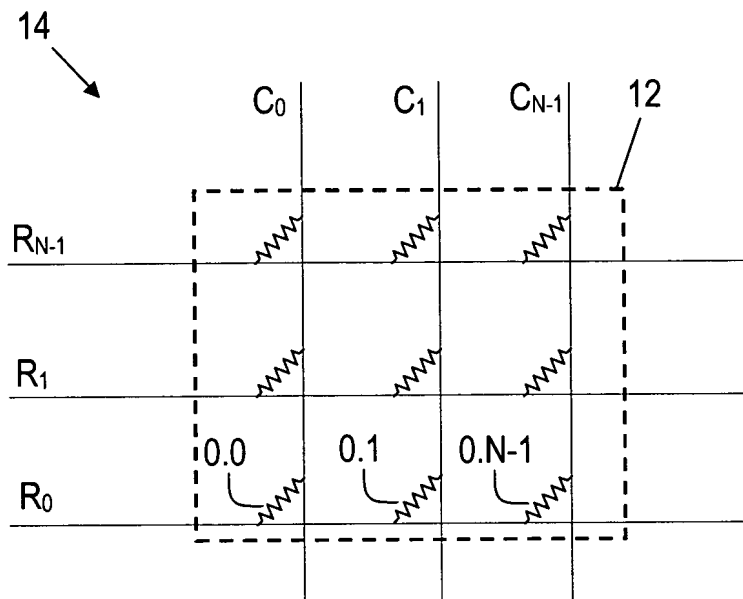
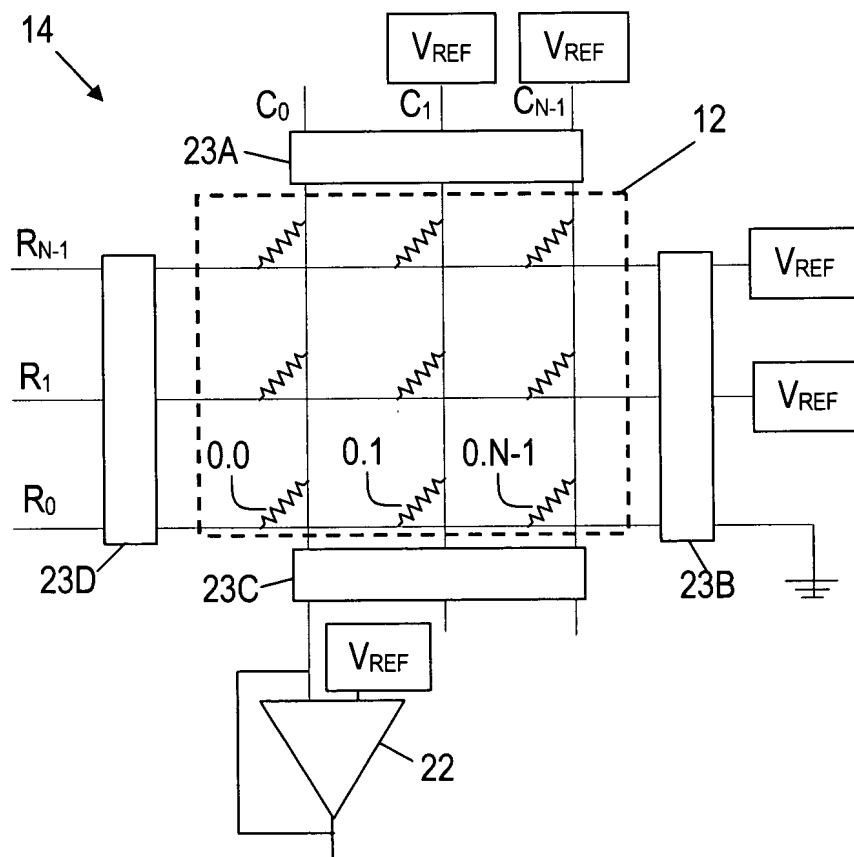


FIGURE 2B

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**FIGURE 3****FIGURE 4**

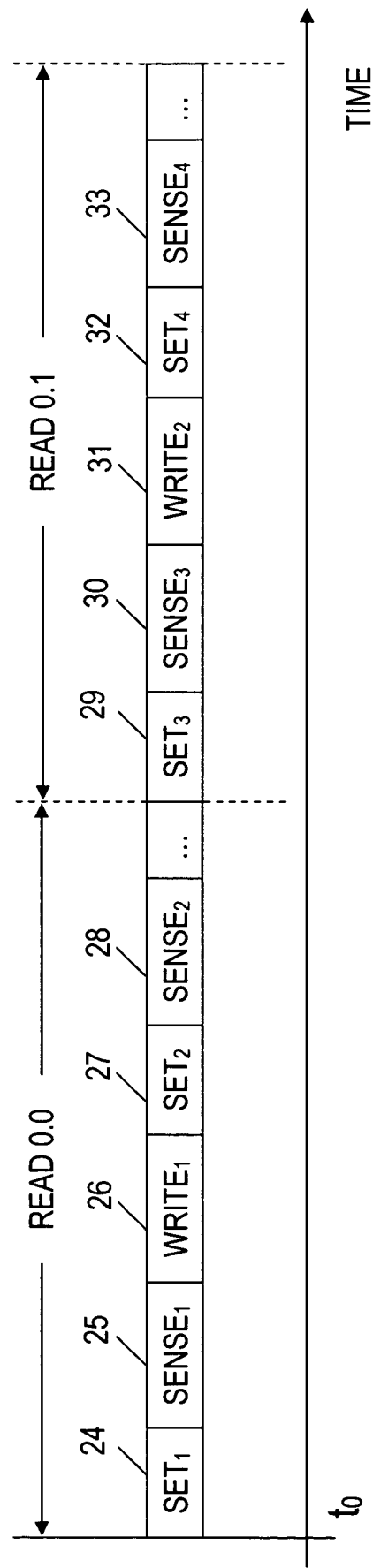


FIGURE 5

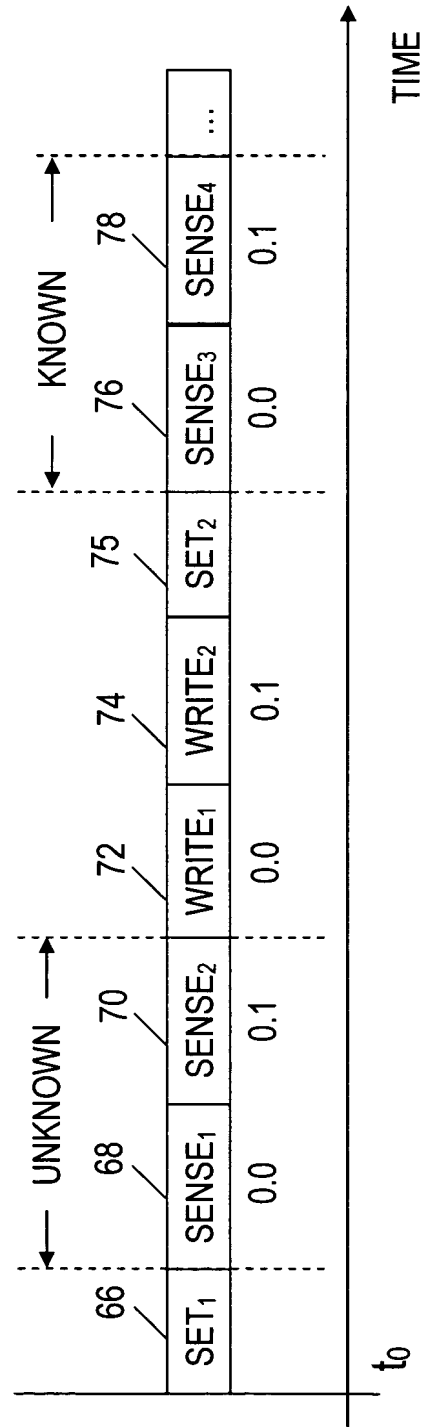


FIGURE 10

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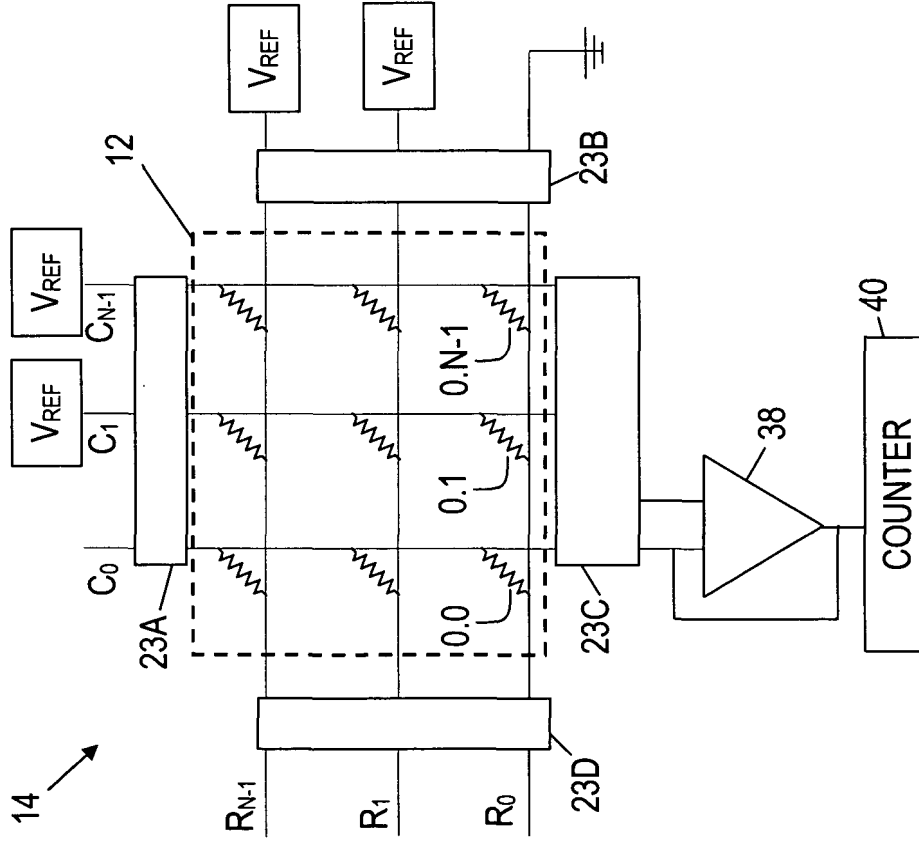


FIGURE 6

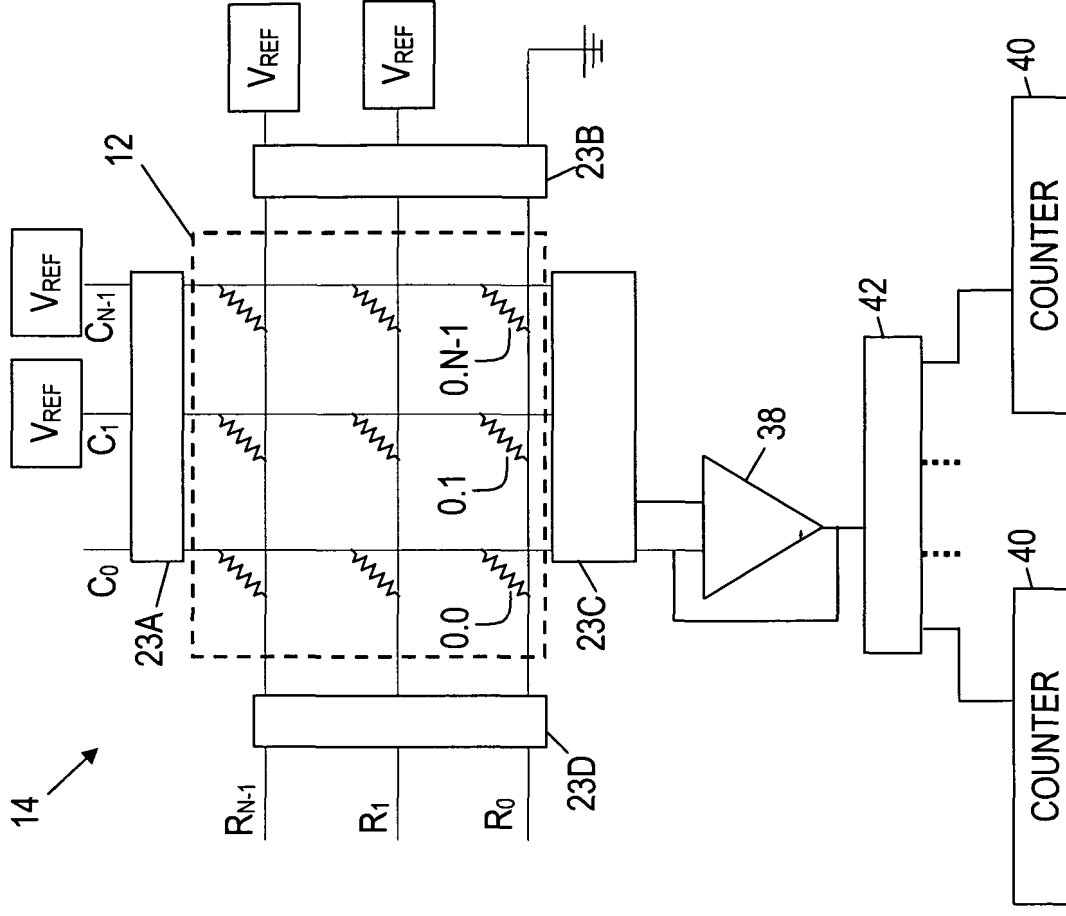


FIGURE 7

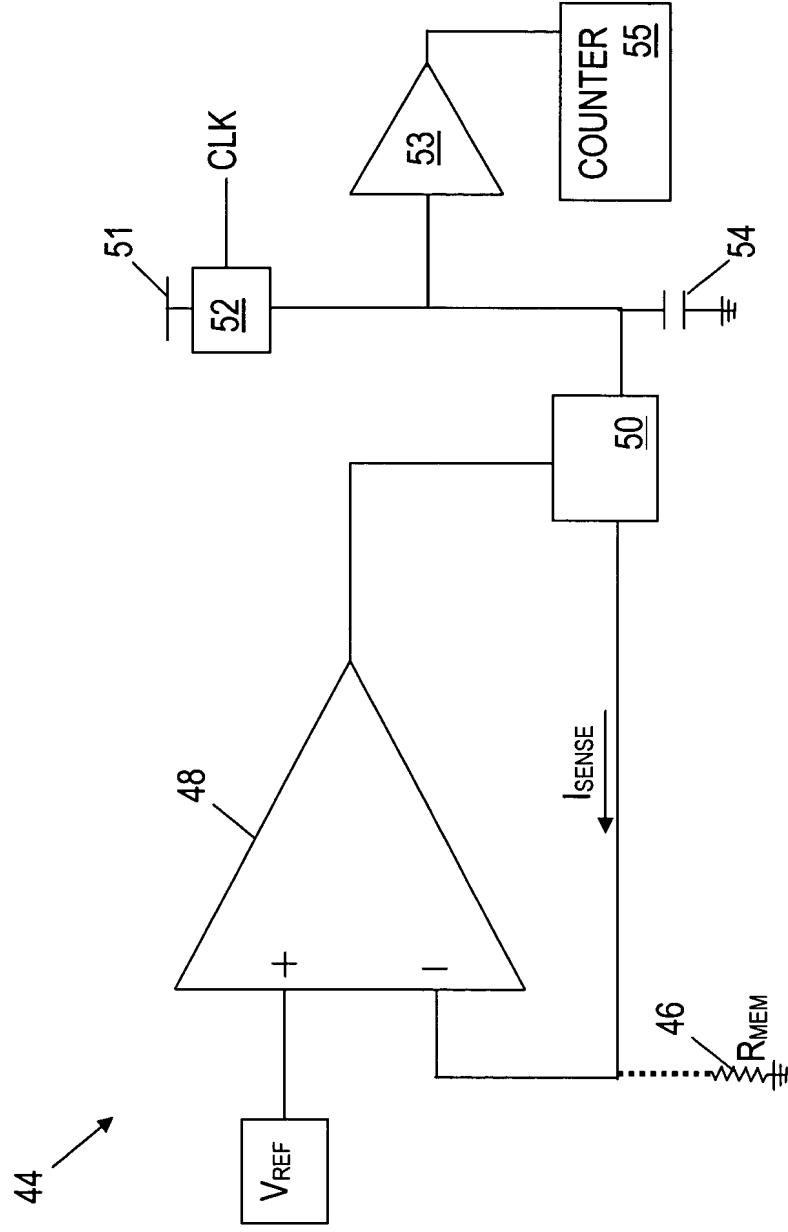
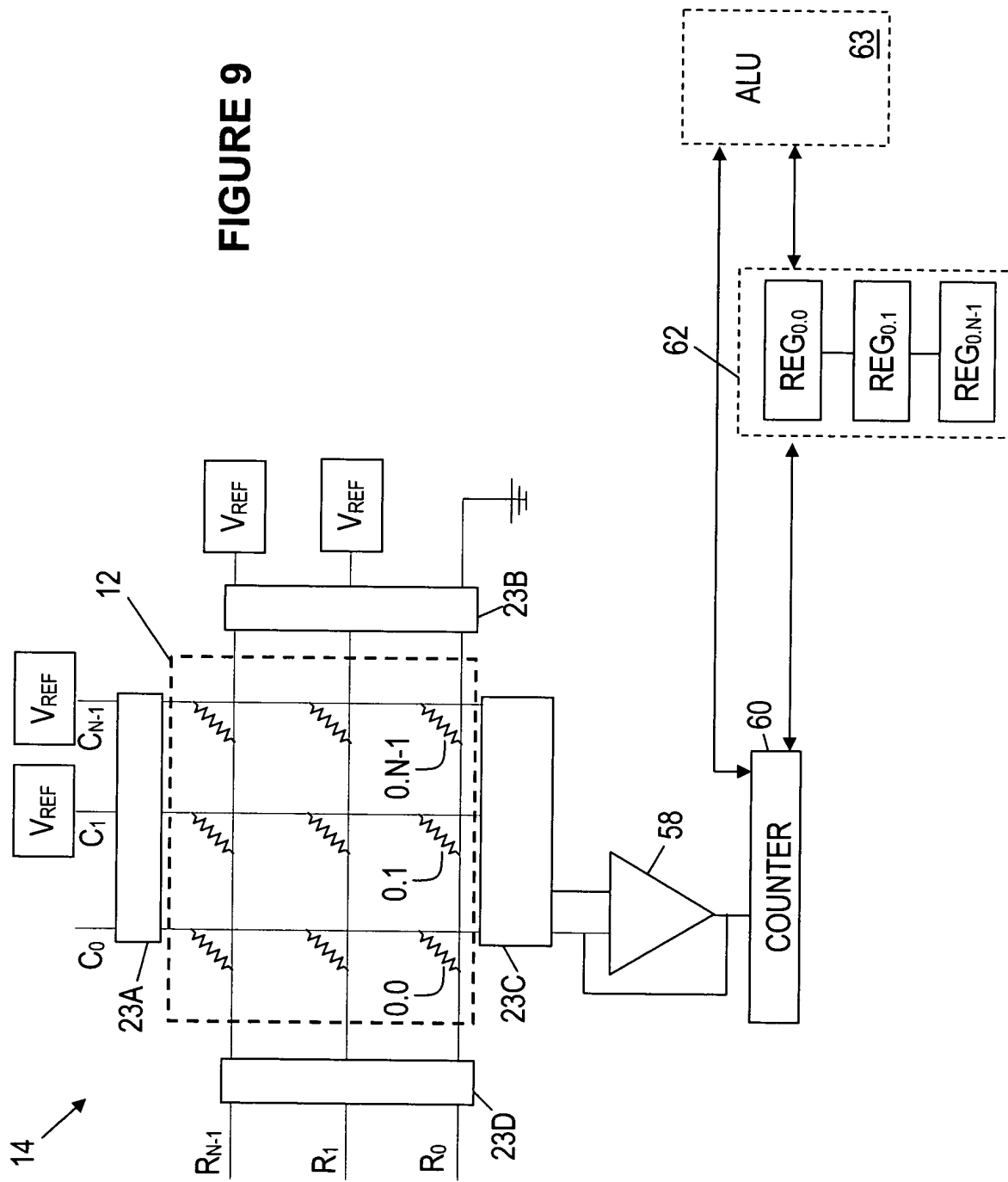


FIGURE 8

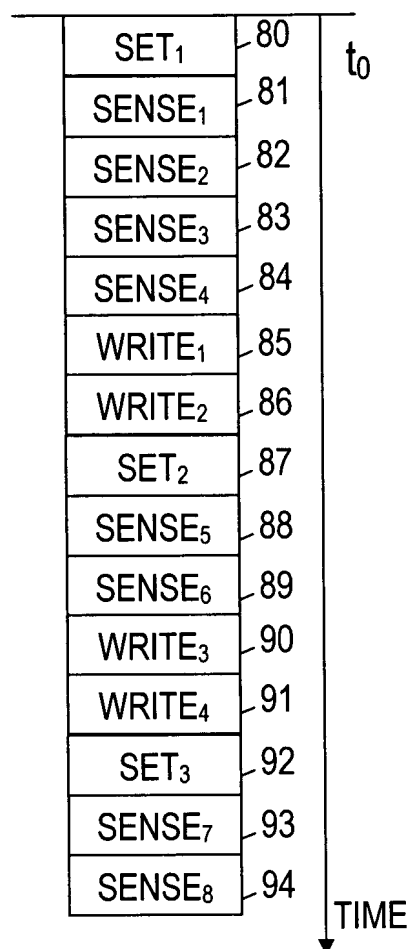


SAMPLE #	1	2	3	4
DIGITAL COUNT FOR SAMPLE	130	130	-130	-100
DIGITAL STATE OF MEMORY ELEMENT	X	X	1 FORCE HIGH	0 FORCE LOW
NET COUNT VALUE	130	260	130	+30

FIGURE 11A

SAMPLE #	1	2	3	4
DIGITAL COUNT FOR SAMPLE	100	100	-130	-100
DIGITAL STATE OF MEMORY ELEMENT	X	X	1 FORCE HIGH	0 FORCE LOW
NET COUNT VALUE	100	200	70	-30

FIGURE 11B

**FIGURE 12**

TIME PERIOD	81	82	88	93
DIGITAL COUNT FOR SAMPLE	130	130	-130	-100
DIGITAL STATE OF MEMORY ELEMENT	X	X	1 FORCE HIGH <sup>†</sup>	0 FORCE LOW <sup>‡</sup>
NET COUNT VALUE	130	260	130	<b>+30</b>

**REG 0.0**

† WRITTEN DURING TIME PERIOD 85

‡ WRITTEN DURING TIME PERIOD 90

TIME PERIOD	83	84	89	94
DIGITAL COUNT FOR SAMPLE	100	100	-130	-100
DIGITAL STATE OF MEMORY ELEMENT	X	X	1 FORCE HIGH <sup>†</sup>	0 FORCE LOW <sup>‡</sup>
NET COUNT VALUE	100	200	70	<b>-30</b>

**REG 0.1**

† WRITTEN DURING TIME PERIOD 86

‡ WRITTEN DURING TIME PERIOD 91



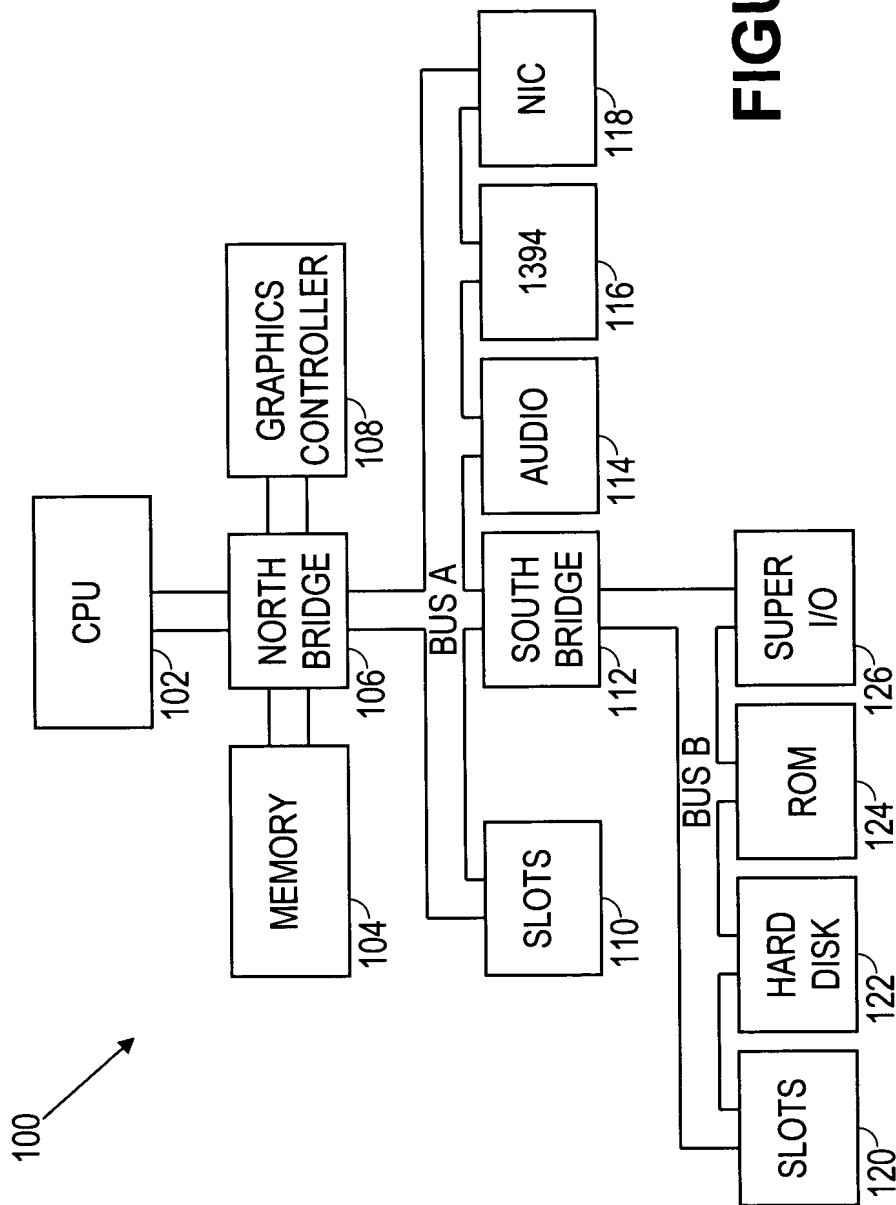


FIGURE 13